

**Subject:** : NIH - Request for information on alternative skin sensitization test methods...  
**Date:** Tuesday, November 26, 2013 9:57:31 AM Eastern Standard Time  
**From:** Francesca Levi-Schaffer  
**To:** NIEHS NICEATM  
**CC:** Madelyn Segev, [REDACTED]

Re: Request for Information on Alternative Skin Sensitization Test Methods and Tersting Strategies and for Comment on ICCVAM's Proposed Activities

Dear NIH,

I have a system based on co-culture of human cord blood derived mast cells with human dermal fibroblasts in which I am testing the effects of different cosmetic ingredients as a model of non-immunological contact urticaria. This system might be adapted to study allergic contact dermatitis.

Funding for the project: The Johns Hopkins Center for Alternatives to Animal Testing (CAAT)

Title of the project: Human culture model as a replacement to the animal assays for assessing the potential of cosmetic ingredients to cause non-immunological contact urticarial (NICU)

Kind regards,  
Prof. Francesca Levi-Schaffer  
Isaac and Myrna Kaye Chair in Immunopharmacology  
Institute for Drug Research, School of Pharmacy  
Faculty of Medicine  
The Hebrew University of Jerusalem  
POB 12065  
Jerusalem 91120  
ISRAEL  
tel: [REDACTED]  
fax: [REDACTED]  
e-mail: [REDACTED]